Please replace the paragraph under the ABSTRACT OF THE DISCLOSURE with the following paragraph:

Shipboard wastewater undergoes treatment within an automatic system based on membrane bioreactor technology. Bacteria that are naturally present in the raw waste stream break down during treatment and consume organic material in the wastewater. Membranes in ~~the~~ a bioreactor within which the wastewater is treated provide a physical barrier, retaining the bacteria and other solids while producing an effluent sufficiently clean to be discharged directly overboard. To ensure adequate treatment, a flow-through ultraviolet disinfection unit is employed in the system downstream of filtration. Inorganic and other non-biodegradable material that accumulates in the bioreactor with time is removed automatically to maintain the desired solids concentration in the bioreactor. Using selective control established through the operator interface, the system can be operated under automatic process/standby mode or maintenance mode, and sludge concentrate can be directed either overboard, to an onboard storage tank[[,]] or to undergo further treatment within a concentration device or destruction within an incinerator for example, depending on the ship's equipment, location and operating conditions.

This Page is Inserted by IFW Indexing and Scanning Operations and is not part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☐ FADED TEXT OR DRAWING
- ☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☐ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.